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(54) **Manufacture of reinforced composite revolution bodies**

(57) Process for manufacture of reinforced composites revolution bodies comprising contacting at elevated temperature a plurality of substantially aligned continuous reinforcing fibres with molten extruded thermoplastic and/or thermoset resin, and contacting the fibre supported molten resin with a continuous thermoplastic

and/or thermoset revolution body in manner to provide a continuously wound reinforced body, apparatus for the manufacture thereof, continuous reinforced composite revolution body obtained thereby and its use for distribution of fluid in a continuous network and component parts of the process and apparatus.

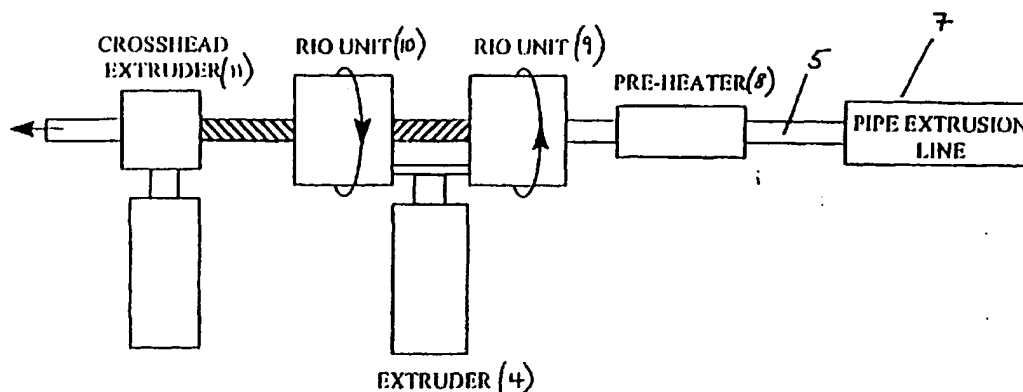


Figure 5

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# EUROPEAN SEARCH REPORT

Application Number  
EP 97 30 8411

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	FR 2 717 117 A (MANNESMANN AG) 15 September 1995 * page 2, line 22 - line 29 * * page 5, line 8 - line 18 * * page 6, line 14 - page 7 * * figure 1 *	1-8	B29D1/00 B29C53/68 B29D23/00 B29C63/24
X	FR 2 118 243 A (CIRAUD PIERRE) 28 July 1972 * the whole document *	1-8	
X	GB 1 021 482 A (SHELL) 2 March 1966 * page 2, line 83 - page 3, line 21 * * figure 1A *	9,10	
X	GB 687 552 A (OWENS-CORNING FIBERGLASS CORPORATION) 18 February 1953 * the whole document *	9,10	
A	US 4 432 302 A (FARRIS JOHN R ET AL) 21 February 1984 * column 2 *	1,9	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
P.A	EP 0 786 322 A (PLASTOBRAS HOLDING S A) 30 July 1997 * claim 1; figures *	9,10	B29C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 24 November 1998	Examiner Lanaspeze, J
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

EPC FORM 1503 03.82 (Pec01)



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#### CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☒ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

#### LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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24-11-1998

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82